

**JOB DATA & CALL SHEET**

Ticket Number: FL1125

CALL OUT

Date: 09.24.16
Coordinator: Joyner, Barlen
Supervisor: Doran, Ben

JOB INFORMATION

Energy Company:	Whiting Petroleum Corp.		
Company Address:	1700 Broadway, Suite. 2300		
City, State Zip	Denver, CO	80290	
Well Name:	Horsetail 30E-3136	Well County:	Weld
Surface Well Location:	SW SW Sec25:T10N:R58W	Well State:	CO
Rig Contractor:	Boss Unit	Rig #:	406
Call From:	Mr. Kyle Renton	Cell Phone:	970-373-4341
Job Type:	Surface		
Service Point:	Fort Lupton, Colorado 303-857-7948	Mileage(Miles):	60

UNITS/PERSONNEL

Truck Unit/Description	Tractor Unit/Description	Employee	Employee
201400	449088 Iron	Doran, Ben	
749100	445046 SCM	Sandoval, Steven	
880033	446152 Bulk	Seniours, David	
870020 Tractor	446202	Payne, James	

WELL INFO

Job Type:	Surface		
Open Hole Size:	in	From Depth: 0ft	To Depth: ft
Casing Size:	in	Casing Weight: lb/ft	From Depth: 0ft To Depth: ft

PRODUCTS**Stage 1:**

Lead	440	sacks of	Control Set 'C'	at	12 ppg	2.47 ft^3/sk	14.58 gal/sk
+ 2	%	SMS					
+ 2	%	Gypsum					
+ 2	%	CaCl2					
+ 0.3	lb/sk	Celloflake					

Stage 2:

Tail	230	sacks of	Type III Cement	at	14.2 ppg	1.48 ft^3/sk	7.37 gal/sk
+ 2	%	CaCl2					
+ 0.3	lb/sk	Celloflake					

Stage3

Extra Cement	100	sacks of	Type III Cement	at	14.8 ppg	1.33 ft^3/sk	6.34 gal/sk
+ 2	%	CaCl2					

HAZARDS

PPE is your last line of defense
9 5/8 Head / Manifold / Swedges / Plug
Winter Weather Operations

SPECIAL INSTRUCTIONS OR MATERIALS

2# Red Dye
150# Sugar
150# CaCl2

DIRECTIONS TO WELL

Hwy 14 E to CR 129, N to CR 116, E to CR 133, S 3/4, E into



Job Summary

Ticket Number		Ticket Date	
TN#	FL1125	9/24/2016	
COUNTY	COMPANY	CUSTOMER REP	
Weld	Whiting Petroleum Corp.	Mr. Kyle Renton	
WELL NAME	RIG	JOB TYPE	
Horsetail 30E-3136	Boss Unit 406	Surface	
SURFACE WELL LOCATION		O-TEX Field Supervisor	
SW SW Sec25:T10N:R58W		Doran, Ben	
EMPLOYEES			
Seniours, David			
Sandoval, Steven			
Payne, James			
WELL PROFILE			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type: Oil	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	13.5	0	2090		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	9.625	36	J-55	0	2080		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	1389.00	
Type: Lead	Volume (sacks):	440	Volume (bbls):	193.5	
Cement:	Control Set 'C'		Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	2% SMS + 2% Gypsum + 22 CaCl₂ + 0.25lb/sk Celloflake		12	2.47	14.58

Stage 2:	From Depth (ft):	1389	To Depth (ft):	2090.00	
Type: Tail	Volume (sacks):	230	Volume (bbls):	61	
Cement:	Type III Cement		Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	2% CaCl₂ + 0.25lb/sk Celloflake%		14.2	1.48	7.37

Stage 3:	From Depth (ft):		To Depth (ft):		
Type: Extra Cement	Volume (sacks):		Volume (bbls):		
Cement:	Type III Cement		Density (ppg)	Yield (ft³/sk)	Water Req.
Additives:	2% CaCl₂		14.8	1.33	6.34

SUMMARY

Preflushes:	20 bbls of	Fresh Water	Calculated Displacement (bbl):	157.5		
	bbls of		Actual Displacement (bbl)	157.5		
	bbls of		Plug Bump (Y/N):	y	Bump Pressure (psi):	1500
Total Preflush/Spacer Volume (bbl):	20		Lost Returns (Y/N):	n	(if Y, when)	
Total Slurry Volume (bbl):	254.5					
Total Fluid Pumped	432					
Returns to Surface:	Cement	90 bbls				

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

[illegible]

Client Whiting
Ticket No. 1125
Location SE SW Sec25:T10N:R58W
Comments Pump job as designed

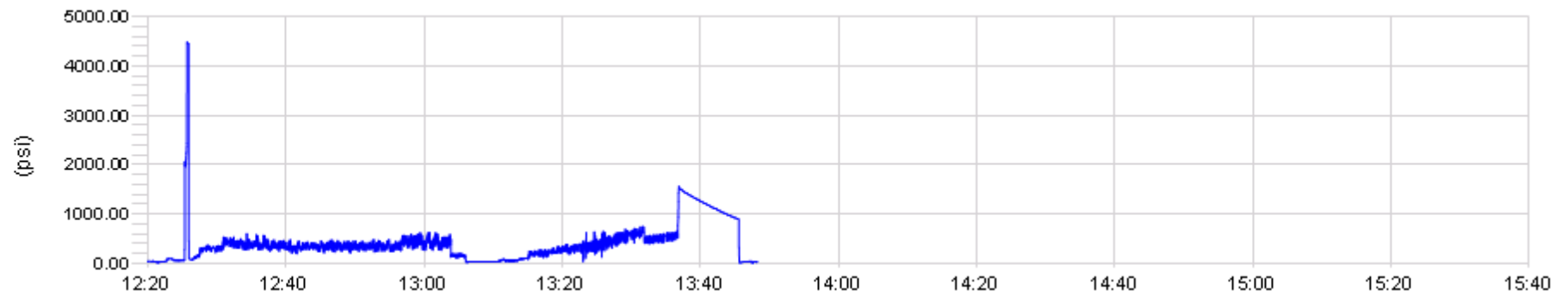
Client Rep Kyle Renton
Well Name Horsetail 30E-3136
Job Type Surface Casing

Supervisor Ben Doran
Unit No. 445046
Service District FT Lupton
Job Date 09/24/2016

Unit 445046 Rate Total



Unit 445046 Pump Pressure



Unit 445046 Density

